

PMVision

Antenna Splitter

Antenna Splitter For Telematic Security Applications

'There is little point installing an expensive track and trace system if all a thief has to do is cut an antenna rendering the system useless'



Features

*****Low Cost*****

Small size

Easy integration and retrofit

Upgrades vehicle security

Free application code

PMVision's antenna splitter gives added security for tracking applications. If the primary overt antenna is cut our unit will switch to a secondary GSM/GPS covert antenna. The unit also has the ability through digital I/O to control switching between antennas, for example through simple non operation or loss of signal. PMVision are able to provide custom application code for customers existing tracking units to control the antenna, we can also provide hockey puck antennas. The unit can be fitted with any connector type including FAKRA, providing unlimited compatibility. The splitter can be supplied cased or board only.

Technical Information

Weight: 120g

Dimensions: cased 111 x 57 x 22 mm, uncased 80 x 38 x 15

Case: Black plastic ABS

Operating Temperature: -20C to +85C

Input Voltage: tracking unit supplied 5V (type 2)

Stand alone PSU 7.6V to 38V (type 1)

Power Consumption: 1.3mA to 9mA

Low noise, low drop-out, linear regulator

Low loss RG/174 coax cable

Operating Frequency 850~960 MHz 900/ 1800MHz, 850/1900 MHz.

Input connector: Fakra, SMB, MCX and SMA.

Bandwidth 10dB MHz @ -3dB point

Contact resistance: Connector type dependent.

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